

AMENDMENT TO THE ABSTRACT

Please amend the Abstract of the Disclosure as follows:

The present invention describes a system and method of using individuals' behavioral and environmental physiologic information to identify disease-influencing genes, in conjunction with their gene sequences to find drug candidates and drug targets. Individuals designated as having a high risk for developing a particular disease are each given a remotely programmable apparatus. Queries related to the individuals' responses to the queries and any physiological information in the form of measurements are sent back to the server. The process of collection individuals' information can take place over a long period of time to ensure accurate data and to allow researchers to observe progression of the disease. A data mining program on the server analyzes the individuals' behavioral and environmental information, as well as their gene sequences. Differences in gene sequences, or in behavioral and environmental factors between individuals who show a severe disease phenotype and those who show a mild-severe disease phenotype can then be distinguished and used to develop new drug candidates, targets, or general treatments.



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